

# AECOM

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	April 21, 2021
<b>Location:</b>	Shared Access Driveway, Middletown	<b>Day of Week:</b>	Wednesday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	226
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 8

### Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-12 mph.  
 Temperature (°F): High 64°F Low 32F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	1	x	8
				Safety Officer	0	x	8
				Foreman	0	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer/ Bucket Loader	0	x	8
				Laborers	1	X	8
				Note that some persons			
Barnhart	0	x	8	Multiple pieces equipment.			
United Concrete	0	x	8				
JMS	0	x	8	Sub-contractor	0	X	8
CT Traffic Control	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

### Pipe Connections, Installations, and Other Work

Ludlow worked on connecting the altitude valve vault to the water tank located at the water tank work zone east of the Shared Access Driveway in Middletown. Ludlow is flushing 12" DIP on Maple Avenue, Durham, from Talcott Lane to the Durham fairgrounds.

### Daily Activities – Water tank work zone, Shared Access Driveway, Middletown

Ludlow worked on the water tank pipe connection to the altitude valve vault located at the water tank work zone east of the Shared Access Driveway in Middletown.

0717: Ludlow is excavating on the west side of the water tank as they prepare to connect it to the altitude valve vault.

0818: Ludlow is looking to reconfigure the piping between the water tank and the altitude valve vault because the 16" DIP protruding from the base of the water tank does not align with the 16" DIP protruding from the east side of the altitude valve vault.

<b>Res. Representative:</b>	J. Meunier	<b>Date:</b>	04/21/21
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0928: Ludlow continues to work on connecting the altitude valve vault to the water tank located east of the Shared Access Driveway.

1043: AECOM and Ludlow discuss how to connect the altitude valve vault to the water tank located east of the Shared Access Driveway given that the 16" DIP protruding from the base of the water tank does not align with the 16" DIP protruding from the east side of the altitude valve vault. It was decided that Ludlow will use foster adapters and possibly move some of the pipe components to make the connection.

1123: AECOM spoke with Ludlow: they have five 16" foster adapters being delivered to the water tank work zone so they can reconfigure the connection between the tank and the altitude valve vault.

1220: A brief, intense rainstorm has just finished passing over the water tank work zone.

1232: Ludlow is installing the 16" FLEX-TEND piping assembly onto the 16" DIP protruding from the west side of the water tank located east of the Shared Access Driveway in Middletown.

1311: Ludlow is evaluating different configurations of the 16" DIP (and other associated fitting such as the butterfly valves) that are scheduled to be installed between the water tank and the altitude valve vault.

1539: Ludlow is placing 16" DIP between the altitude valve vault and the water tank. They have installed 4 foster adapters so far: one on either side of the 16"x16"x16" Tee coming off the east side of the altitude valve vault, and another two foster adapters installed on either side of the 16" butterfly valve that Ludlow attached immediately west of the 16" FLEX-TEND piping assembly that was attached to the 16" DIP that is protruding from the west side of the water tank.

1548: Ludlow continues installing 16" DIP between the altitude valve vault and the water tank located east of the Shared Access Driveway in Middletown. Heavy rain accompanied by thunder has started.

1609: Heavy rain and intermittent thunder continues.

1632: Heavy rain and intermittent thunder continues. Ludlow stops work for the day, leaving the connection between the altitude valve vault and the water tank unfinished. Ludlow is in the process of placing temporary fencing around the open excavation.

### Daily Activities – line flushing, Maple Avenue, Durham

Ludlow is flushing 12" DIP on Maple Avenue, Durham, from Talcott Lane to the Durham fairgrounds.

0746: Ludlow is flushing 12" DIP on Maple Avenue, Durham, from Talcott Lane to the Durham fairgrounds.

0951: Ludlow continues to flush 12" DIP on Maple Avenue, Durham, from Talcott Lane to the Durham fairgrounds.

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**Picture 1: 16" FLEX-TEND piping assembly onto the 16" DIP protruding from the west side of the water tank located east of the Shared Access Road in Middletown. View to the north.**

**Res. Representative:**

J. Meunier

**Date:** 04/21/21

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**Picture 2: Ludlow dry-fitting 16" DIP and associated appurtenances on the east side of the altitude valve vault located east of the Shared Access Driveway in Middletown. Ludlow subsequently reconfigured this section using foster adapters.**

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**Picture 3: One of the 16" foster adapters that Ludlow used today while connecting the altitude valve vault to the water tank located east of the Shared Access Driveway in Middletown.**

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Picture 4: Pipe joint lubricant that Ludlow uses with the foster adapters and megalug connectors while connecting the altitude valve vault to the water tank located to the east of the Shared Access Driveway in Middletown.

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**Picture 5: Final configuration of the 16" DIP that Ludlow attached to the east side of the altitude valve vault located east of the Shared Access Driveway in Middletown. Note foster adapters on either side of the 16"x16"x16" Tee. View to the north/northeast.**

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**Picture 6: Final configuration of the 16" FLEX-TEND piping assembly with a foster adapter placed on either side of the 16" butterfly valve that was installed onto the 16" DIP protruding from the west side of the water tank. Water tank work zone located east of the Shared Access Driveway, Middletown. View to the north.**